

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5959650".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:22
L2	2	"6243059".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:22
L3	2	"6441870".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:22
L15	36221	(gamma with (calibrat\$4 or compensat\$4 or correct\$5 or conver\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:41
L16	3907	15 same (voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L17	637	15 same (reference adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:47
L18	161155	(dac or ((digital adj3 analog) near5 conver\$5) or digital\$1to\$1analog)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:42
L19	626	15 same (voltage) same 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:44
L20	161155	(dac or ((digital adj3 analog) near5 conver\$5) or digital\$1to\$1analog)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L21	3998	L15 AND L20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43

## EAST Search History

L22	2513	358/518,519.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L23	8064	345/10,12,20,22,204,545,581,589,590,690. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L24	10469	L22 or L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L25	356	L21 and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L26	231	L25 and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:43
L27	591	19 not L26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:47
L28	222	27 and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:49
L29	382	27 not "28"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:49
L30	190	15 same (reference adj voltage) same 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:47
L31	182	30 not L26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:48

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L32	64	31 and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:17
L33	118	31 not 32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:48
L34	2423	multiplex\$1r with voltage with reference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:17
L35	194	multiplex\$1r with voltage with reference with 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:18
L36	9	35 same 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:34
L37	12	35 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:34
L38	3	37 not 36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:03
L39	24744	sub\$1frame or (sub adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:04
L40	1359	39 and "345".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:04
L41	61	40 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:05

## EAST Search History

L42	29	41 and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:05
L43	32	41 not 42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:05
S1	1	10/623645	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:02
S2	31	08/833361 and WANG 09/125410 and WANG 09/540292 and WANG 09/635214 and WANG 09/903116 and WANG 10/025136 and WANG 10/172329 and WANG 10/268573 and WANG 10/321980 and WANG 10/487305 and WANG 10/624626 and WANG 10/629091 and WANG 10/656420 and WANG 10/713748 and WANG 10/803736 and WANG 10/953542 and WANG 11/024803 and WANG 11/024804 and WANG 11/024805 and WANG 11/083382 and WANG 11/652907 and WANG 11/680386 and WANG 29/282998 and WANG 60/110895 and WANG 60/111003 and WANG 60/138205 and WANG 60/143640 and WANG 60/143641 and WANG 60/143998 and WANG 60/143999 and WANG 60/217620 and WANG 60/554259 and WANG 60/783861 and WANG 60/788951 and WANG 60/814481 and WANG 60/819102 and WANG 60/820812 and WANG 60/866501 and WANG 60/871460 and WANG 60/886492 and WANG 60/896506 and WANG 60/912462 and WANG 11/439278 and WANG 08/036379 and WANG 09/657259 and WANG 10/617782 and WANG 10/623645 and WANG 10/602245 and WANG 10/632911 and WANG 10/632912 and WANG 10/760410 and WANG 08/932407 and WANG 09/990506 and WANG 60/196241 and WANG	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:56

## EAST Search History

S3	19	07/382136 and CHEN 07/715830 and CHEN 08/052689 and CHEN 09/816511 and CHEN 09/826097 and CHEN 09/842817 and CHEN 10/623645 and CHEN 10/637696 and CHEN 10/647326 and CHEN 10/653991 and CHEN 10/984905 and CHEN 10/995486 and CHEN 11/056173 and CHEN 11/086331 and CHEN 11/356969 and CHEN 11/458442 and CHEN 11/739114 and CHEN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:02
S4	23	09/516534 and CHEN 09/603210 and CHEN 09/606576 and CHEN 09/657259 and CHEN 10/107358 and CHEN 10/173153 and CHEN 10/232705 and CHEN 10/330247 and CHEN 10/617782 and CHEN 10/623645 and CHEN 10/632911 and CHEN 10/632912 and CHEN 10/636601 and CHEN 10/653991 and CHEN 11/160105 and CHEN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:03
S5	62	S2 or S3 or S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:03
S6	34	S5 and (gamma or "358".clas. or "345". clas. or "382".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:07
S7	9	S5 and (gamma)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:10
S8	25	S6 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:07
S9	36200	(gamma with (calibrat\$4 or compensat\$4 or correct\$5 or conver\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:11
S10	553934	display\$3 near5 (control\$4 or driv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:12

## EAST Search History

S11	9165	S9 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:39
S12	1667	(((shift\$3 or serial) near3 register\$1) or shift\$1register\$1) and (((sampl\$3 adj3 hold\$3) or s\$1h or latch or sampl\$4and\$1hold\$3) near5 register\$1) and (mux or multiplex\$1r) and (dac or ((digital adj3 analog) near5 conver\$5) or digital\$1to\$1analog)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:42
S13	6302	(((shift\$3 or serial) near3 register\$1) or shift\$1register\$1) and (mux or multiplex\$1r) and (dac or ((digital adj3 analog) near5 conver\$5) or digital\$1to\$1analog)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:42
S14	4635	S13 not S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:38
S15	161066	(dac or ((digital adj3 analog) near5 conver\$5) or digital\$1to\$1analog)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:40
S16	3993	S9 AND S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:49
S17	343	S13 AND S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:50
S18	2509	358/518,519.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:44
S19	8054	345/10,12,20,22,204,545,581,589,590,690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:45
S20	10457	S18 or S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:46

## EAST Search History

S21	354	S16 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:51
S22	316	S17 NOT S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:40
S23	231	S21 and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 19:49
S24	123	S21 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
S25	231	S22 and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:52
S26	85	S22 not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 17:53
S27	12	("20010003448"   "20010054989"   "20040104872"   "20040104873"   "20040104880"   "6008801"   "6049321"   "6097362"   "6268841"   "6335721"   "6538631").PN. OR ("7006072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 18:27